

[54] SYSTEMS FOR STORING AND TRANSFERRING DATA

[75] Inventor: Roland Moreno, Paris, France

[73] Assignee: Societe Internationale pour l'Innovation, France

[21] Appl. No.: 686,095

[22] Filed: May 13, 1976

[30] Foreign Application Priority Data

May 13, 1975 France 75 14808

[51] Int. Cl.² G06K 5/00; G06K 19/06; G11C 15/04

[52] U.S. Cl. 235/419; 235/487

[58] Field of Search 235/61.7 B, 61.7 R, 235/61.8 A; 340/149 A, 173 R

[56] References Cited

U.S. PATENT DOCUMENTS

3,772,659	11/1973	De Vries	340/173 R
3,868,057	2/1975	Chavez	235/61.7 B
3,873,019	3/1975	Holcomb	235/61.8 A
3,881,175	4/1975	Wanlass	340/173 R
3,906,460	9/1975	Halpern	235/61.7 B
3,934,122	1/1976	Riccitelli	235/61.7 B

Primary Examiner—Daryl W. Cook

Attorney, Agent, or Firm—Weiser, Stapler & Spivak

[57]

ABSTRACT

A portable independent electronic object designed for storing and transferring data confidentially intended for being coupled to a data transfer device; the said portable object comprising, at least one store module intended for the storage of data in an easily portable form, containing enabling data, coupling means accessible from outside the portable object, enabling the said portable object to be coupled temporarily with the said transfer device, circuits for control of the store, interconnected between the coupling means and the store; the said store and the control circuits being produced in the form of logical microstructures; an identification comparator connected to the store and to the coupling means, intended for comparing the enabling data contained in the store with a confidential code supplied by the rightful owner of the portable object and introduced into the portable object by way of the said transfer device; the said portable object being characterized in that it includes in addition, a circuit for storage of the errors in confidential code, associated with the identification comparator, intended to keep track permanently of the errors in confidential code, the said storage circuit comprising at least one store element composed of a permanent store.

27 Claims, 5 Drawing Figures

